

DIVISION 1 - GENERAL REQUIREMENTS

SECTION 01540 - SAFETY

PART 1 - GENERAL

1.01 - GENERAL

- A. Contractor shall assume full responsibility for safety and protection of material and equipment stored at the site both within and outside the construction limits.
- B. The Contractor shall be responsible for overall safety regulations for all Sub-contractors as specified by U.S. Department of Labor, Volume 36, No. 75.
- C. Contractor shall protect his work and equipment from damage by the public.
- D. Contractor shall take all necessary precautions during all phases of work to prevent any debris from falling and causing damage outside the enclosed Work Area. Contractor shall be held liable for all damage caused by dust and debris. Contractor shall be responsible for all injury to people or property caused by any construction related activity. Contractor is responsible for contacting people or the EPA and resolving complaints.
- E. When work is performed which may create a hazard to persons or property above, below or in the proximity of work, those areas shall be blocked or otherwise protected to eliminate the hazard.

1.02 - EPA POLICY ON SAFETY AND ENVIRONMENTAL HEALTH

- A. It is the policy of the EPA to provide a quality workplace environment which meets or exceeds applicable federal, state and local standards for health and safety. The EPA adheres to practices which meet or exceed applicable federal, state and local standards for the prevention of damage to or impact on the off-site environment. These practices include procedures relating to emissions by air, by liquid-carried wastes, by solid and hazardous waste disposal, or by sonic, radioactive, or electromagnetic radiation.

- B. Equipment specification, work practices standards, and design principles are adopted by the EPA to effectuate this policy. Members of the EPA Community and Contractors hired by the EPA shall be responsible for following and implementing practices designed to minimize risk and thereby avoid harmful exposure to chemicals, biological, or radiological substances, and physical or mechanical hazards.
- C. It is the policy of the EPA to require that all Contractors hired by the EPA are to use facilities and equipment in prescribed manners so as to avoid injury and health damage to themselves, others, and the environment.
- D. It is the responsibility of the Contractor through the designated safety and health staff in work areas to assist all parties in maintaining safe and healthful conditions at the EPA.
- E. The EPA Department of Safety shall assure to the maximum extent possible that physical facilities and equipment do not present an untold hazard of either physical injury or health damage.

1.03 - PROTECTION OF THE SURROUNDING AREA

- A. All construction operations shall be conducted such as to protect the surrounding areas and adjacent building areas.
- B. Fumes and dust shall be controlled so as to prevent any harmful or undesirable effects in the surrounding areas.
- C. Construction work being done in an area that must be kept in operation shall be provided with a sheeted bulkhead to keep out dust and dirt and to isolate the area as much as possible. All drilling in occupied areas shall be performed with vacuum cleaner to minimize dust.
- D. All construction operations shall be carefully coordinated with the EPA so as to minimize the overall inconvenience to the EPA and to expedite job progress.
- E. Maintain public streets and roads adjacent to property utilized for construction traffic clear, clean and free from dirt and debris. Clean as required. Failure to clean will result in the EPA having it done at Contractor's expense, plus fines.

1.04 - CONTRACTOR'S SAFETY RESPONSIBILITIES

- A. It shall be understood that the Engineer's on-site observation of the work does not include review of the adequacy of the Contractor's safety measures in or near the construction area.
- B. Compliance with all regulations pertaining to safety and health is the sole and complete responsibility of the Contractor.
- C. Contractor shall comply with the requirements of all applicable Federal and State Legislation, EPA, Occupational Safety and Health Act (OSHA) Safety and Health standards (29CFR1910), and the specified safety requirements of the Industrial Commission of Michigan relating to Construction (Michigan Administrative Code).
- D. When contracted work is being done in or around EPA buildings and grounds, the contractor shall protect EPA employees and equipment, and the general public from all construction hazards, and shall report all such hazards or suspected hazards to the EPA prior to commencement of contract work. Construction hazards shall include but not be limited to open excavations, falling objects, welding operations, dust, dirt and debris, and exposure to toxic and hazardous fumes and materials.
- E. The Contractor shall make arrangements to legally dispose of all construction debris and hazardous materials. The Contractor shall be responsible for all off-site disposal of hazardous materials according to all federal, state, local, or EPA regulations. EPA's trash receptacles and sanitary drains shall not be used for the disposal of any materials.
- F. When mechanized construction equipment is to be operated within EPA grounds, the contractor shall make arrangements for safety maintenance and control of traffic flow.

1.05 - SECURITY

- A. Each Contractor shall assume full responsibility for protection and safety of material and equipment stored at the job site both within and outside the construction limits.

- B. It shall be the responsibility of the Contractor to provide a safe and secure work site.
- C. A secure work site shall be defined as one in which casual non-construction traffic (vehicular and pedestrian) is excluded from either entering in or passing through the site. It shall also include the effective securing of equipment, storage of materials and adequate lighting of the site.
- D. Barricades, fences and guardrails shall be set-up and warning signs shall be posted where appropriate. ANSI Standard Z25.1 Specifications for Accident Prevention Signs shall be used to meet these specifications.
- E. Lighting which is removed by the Contractor during construction must be replaced with adequate temporary lighting during the time of construction as determined by Engineer.
- F. The Contractor shall provide the EPA with a list of contact persons, with telephone numbers, for 24 hour emergency contact.
- G. Fumes and dust shall be controlled so as to prevent any harmful or undesirable effects to the surrounding areas.

END